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11-07-05

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Atty. Docket No. PRI13 P-316

## CERTIFICATE OF MAILING

I hereby certify that this paper, together with all enclosures identified herein, are being deposited with the United States Postal Service as first class mail, addressed to the Attention: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date indicated below.

November 4, 2005

Date

*Deborah A. Clark*

Deborah A. Clark

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee : James. A. Yurko et al.  
Patent No. : 6,918,427  
Issue Date : July 19, 2005

## Certificate

NOV 10 2005

## of Correction

Attention: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

A request is being made for a Certificate of Correction in the above-identified patent which issued with the following errors identified by page and line from the application file.

\*Page 1, paragraph [0001], lines 3 and 6;

After "A" insert - - - -.

\*Pages 7 and 8, paragraph [0023], line 27;

After "formation" insert - -of- -.

\*Pages 8 and 9, paragraph [0025], line 12;

"form" should be - -from- -.

\*Pages 9 and 10, paragraph [0028], line 13;

"cooper-tin" should be - -copper-tin- -.

\*Page 10, paragraph [0030], line 2;

"include" should be - -including- -.

Page 11, paragraph [0034], line 5;

" $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_{T_i}^{T_f} C_p dT$ " should be - - $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_{T_i}^{T_f} C_p dT$  - -.

Patentee : James. A. Yurko et al.  
Patent No. : 6,918,427  
Page : 2

\*Page 12, paragraph [0038], line 2;

“it” should be - -its- -.

\*Page 14, paragraph [0047], line 2;

“road” should be - -rod- -.

Page 14, paragraph [0050], line 5;

“ $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_{T_i}^{T_f} C_p dT$ ” should be - - $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_{T_i}^{T_f} C_p dT$  - -.

Page 14, paragraph [0050], line 6;

$H = 4(\text{kg}) \cdot 0.10 \cdot 400,000 \left( \frac{J}{\text{kg}} \right) +$

$4(\text{kg}) \cdot (20^\circ\text{C.}) \cdot 1,000 \left( \frac{J}{\text{kg}^\circ\text{C.}} \right) = 400,000 \text{ J}$ ” should be

- - $\Delta H = 4(\text{kg}) \cdot 0.20 \cdot 400,000 \left( \frac{J}{\text{kg}} \right) + 4(\text{kg}) \cdot (20^\circ\text{C.}) \cdot 1,000 \left( \frac{J}{\text{kg}^\circ\text{C.}} \right) = 400,000 \text{ J}$  - -.

\*Amendment A, page 6, claim 21, line 1;

“claims” should be - -claim- -.

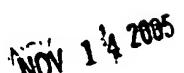
Enclosed is the Certificate of Correction Form PTO 1050 identifying errors by column and line from the patent which are chargeable to the Official Printer. Enclosed is a check for \$100.00 to cover our errors which are identified with an asterisk. The Commissioner is hereby authorized to charge any additional payment, or to credit any overpayment, to Deposit Account No. 16-2463.

Respectfully submitted,



\_\_\_\_\_  
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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,918,427  
 DATED : July 19, 2005  
 INVENTORS : James A. Yurko

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1:

Lines 10 and 15, After "A" insert - - - -.

Column 6:

Line 13, After "formation" insert - - of- -.

Line 49, "form" should be - -from- -.

Column 7:

Line 23, "cooper-tin" should be - -copper-tin- -.

Line 44, "include" should be - - including- -.

Column 8:

Line 32, " $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_n^T C_p dT$ " should be - -  $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_n^T C_p dT$  - -.

Line 66, "it" should be - - its- -.

MAILING ADDRESS OF SENDER:

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PATENT NO. 6,918,427

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UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,918,427  
 DATED : July 19, 2005  
 INVENTORS : James A. Yurko

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10:

Line 26, "road" should be - -rod- -.

Line 55, " $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_{T_i}^{T_f} C_p dT$ " should be - -  $\Delta H = m \cdot \Delta f_s \cdot H_f + m \int_{T_i}^{T_f} C_p dT$  - -.

Line 58, " $H = 4(\text{kg}) \cdot 0.10 \cdot 400,000 \left( \frac{J}{\text{kg}} \right) +$

$4(\text{kg}) \cdot (20^\circ\text{C.}) \cdot 1,000 \left( \frac{J}{\text{kg}^\circ\text{C.}} \right) = 400,000 \text{ J}$ " should be

$- - \Delta H = 4(\text{kg}) \cdot 0.20 \cdot 400,000 \left( \frac{J}{\text{kg}} \right) + 4(\text{kg}) \cdot (20^\circ\text{C.}) \cdot 1,000 \left( \frac{J}{\text{kg}^\circ\text{C.}} \right) = 400,000 \text{ J} - -.$

Column 13:

Claim 21, line 9, "claims" should be - -claim- -.

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